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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet **1** of **2**

Complete if Known

Application Number	09/766,922
Filing Date	January 22, 2001
First Named Inventor	Robert M. Hussey
Art Unit	2625
Examiner Name	Not Assigned
Attorney Docket Number	283-280

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
9/2	AA	US-4,794,239	12/27/1998	Allais	
9/2	AB	US-4,818,858	04/04/1989	Matsushima et al.	
9/2	AC	US-5,019,699	05/28/1991	Koenck	
9/2	AD	US-5,262,871	11/16/1993	Wider et al.	
9/2	AE	US-5,331,178	07/19/1994	Sanf Anselmo et al.	
9/2	AF	US-5,354,977	10/11/1994	Roustael	
9/2	AG	US-5,378,883	01/03/1995	Batterman et al.	
9/2	AH	US-5,398,054	03/07/1995	Krichever et al.	
9/2	AI	US-5,521,368	05/28/1998	Wang et al.	
9/2	AJ	US-5,598,007	01/28/1997	Bunce et al.	
9/2	AK	US-5,710,417	01/20/1998	Joseph et al.	
9/2	AL	US-5,756,981	05/26/1998	Roustael et al.	
9/2	AM	US-5,818,528	10/08/1998	Roth et al.	
9/2	AN	US-5,841,121	11/24/1998	Koenck	
9/2	AO	US-5,900,813	05/04/1999	Kozio et al.	
9/2	AP	US-5,929,418	07/27/1999	Ehrhart et al.	
9/2	AQ	US-5,979,768	11/08/1999	Koenck	
9/2	AR	US-5,984,188	11/16/1999	Tafoya	
9/2	AS	US-6,347,163	02/12/2002	Roustael	
9/2	AT	US-6,380,948	03/26/2002	Yang et al.	
9/2	AU	US-6,398,112	08/04/2002	Li et al.	
9/2	AV	US-6,512,218	01/28/2003	Canini et al.	

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
9/2	AW	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	09/16/1993	Norand Corp.		<input type="checkbox"/>
9/2	AX	WO	93/18478		03/06/1997	PSC, Inc.		<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>

Examiner Signature: *James R. R.* Date Considered: *2-8-05*

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

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Substitute for form 1449B/PTO

Complete if Known

(use as many sheets as necessary)

Sheet	2	of	2
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Application Number	09/766,922
Filing Date	January 22, 2001
First Named Inventor	Robert M. Hussey
Art Unit	2625
Examiner Name	Not Assigned
Attorney Docket Number	283-280

NON PATENT LITERATURE DOCUMENTS

[illegible]

**Examiner
Signature**

Date Considered

2-8-05

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And not considered: include copy of this form with next communication to applicant. Applicant's unique design designation number (optional).
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet 1 of 4

Complete If Known

Application Number	09/766,922
Filing Date	January 22, 2001
First Named Inventor	Robert M. HUSSEY et al.
Art Unit	2626
Examiner Name	Jerome Grant II
Attorney Docket Number	283-280

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U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
2	AA	3,582,884		08/08/1971	Shepard	
2	AB	3,863,782		05/16/1972	Joel, Jr.	
6	AC	3,684,888		08/15/1972	Christie et al.	
8	AD	3,723,970		03/27/1973	Stoller	
8	AE	3,906,186		09/16/1975	Cooper et al.	
8	AF	4,004,237		01/18/1977	Kratzer	
8	AG	4,041,391		08/09/1977	Deerkoski	
8	AH	4,097,847		08/27/1978	Forsen et al.	
1	AI	4,114,155		09/12/1978	Raab	
1	AJ	4,184,828		08/14/1979	Ward et al.	
1	AK	4,291,410		09/22/1981	Caples et al.	
1	AL	4,435,822		03/06/1984	Spencer et al.	
1	AM	4,445,118		04/24/1984	Taylor et al.	
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1	AO	4,581,089		12/24/1985	Rouse et al.	
1	AP	4,628,532		12/09/1986	Stone et al.	
1	AQ	4,636,824		01/13/1987	Ishida et al.	
1	AR	4,639,932		01/27/1987	Schiff	
1	AS	4,644,523		02/17/1987	Horwitz	
1	AT	4,646,353		02/24/1987	Tenge et al.	
1	AU	4,653,076		03/24/1987	Jarim et al.	
1	AV	4,686,363		08/11/1987	Schoon	
1	AW	4,690,530		09/01/1987	Fujino et al.	
1	AX	4,710,817		12/01/1987	Ando	
1	AY	4,785,463		11/15/1988	Janc et al.	
1	AZ	4,791,446		12/13/1988	Ishida et al.	
1	BA	4,807,256		02/21/1989	Holmes et al.	
1	BB	4,841,544		06/20/1989	Nuykens	
1	BC	4,901,073		02/13/1990	Kibrick	
1	BD	4,908,500		03/13/1990	Baumberger	
1	BE	5,113,445		05/12/1992	Wang	

Examiner
Signature

Jerome Grant II

Date

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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation number (optional). ³See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 4

Complete If Known

Application Number	09/766,922
Filing Date	January 22, 2001
First Named Inventor	Robert M. RUSSEY et al.
Art Unit	2626
Examiner Name	Jerome Grant
Attorney Docket Number	283-280

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U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
28	BF	5,138,140	08/11/1992	Siemiatkowski et al.	
28	BG	5,212,777	05/18/1993	Gove et al.	
28	BH	5,245,695	09/14/1993	Baschore	
28	BI	5,304,787	04/19/1994	Wang	
28	BJ	5,343,028	08/30/1994	Figarella et al.	
28	BK	5,345,268	09/08/1994	Denyer	
28	BL	5,378,883	01/03/1995	Batterman et al.	
28	BM	5,392,447	02/21/1995	Schlack et al.	
28	BN	5,401,949	03/28/1995	Ziemack et al.	
28	BO	5,414,251	05/09/1995	Durbin	
28	BP	5,481,425	10/24/1995	Fowler et al.	
28	BQ	5,471,515	11/28/1995	Fossum et al.	
28	BR	5,471,592	11/28/1995	Gove et al.	
28	BS	5,477,042	12/18/1995	Wang	
28	BT	5,478,997	12/26/1995	Bridgelall et al.	
28	BU	5,521,368	05/28/1996	Wang et al.	
28	BV	5,524,068	08/04/1996	Kacandes et al.	
28	BW	5,572,006	11/05/1996	Wang et al.	
28	BX	5,585,818	12/17/1996	Roxby et al.	
28	BY	5,621,203	04/15/1997	Swartz et al.	
28	BZ	5,665,959	09/09/1997	Fossum et al.	
28	CA	5,668,803	09/16/1997	Tymes et al.	
28	CB	5,672,858	09/30/1997	Li et al.	
28	CC	5,703,349	12/30/1997	Meyerson et al.	
28	CD	5,739,518	04/14/1998	Wang	
28	CE	5,773,808	08/30/1998	Longacre, Jr.	
28	CF	5,814,803	09/29/1998	Olmstead et al.	
28	CG	5,831,874	11/03/1998	Ju et al.	
28	CH	5,841,128	11/24/1998	Fossum et al.	
28	CI	5,800,613	05/04/1999	Kozioł et al.	
28	CJ	5,832,862	08/03/1999	Hussey et al.	

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Sheet 3 of 4**Complete if Known**

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Filing Date	January 22, 2001
First Named Inventor	Robert M. HUSSEY et al.
Art Unit	2626
Examiner Name	Jerome Grant II
Attorney Docket Number	283-280

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U.S. PATENT DOCUMENTS

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	CK	6,123,264	09/26/2000	Li et al.	
	CL	6,155,488	12/05/2000	Olmstead et al.	
	CM	6,398,112 B1	08/04/2002	Li et al.	
	CN	2002/0135883 A1	09/26/2002	Tanama et al.	
	CO	6,482,842 B1	10/08/2002	Hamilton	
	CP	Pending U.S. Patent Application No. 10/851,298 (Attorney Docket No. 283-269 CIP)	Filed: 08/28/2003	Barber et al.	
	CQ	6,637,658 B2 U.S. Publication No. 2003/0062418 A1	Published: 04/03/2003 Patented: 10/28/2003	Barber et al.	Office Action-August 22, 2002 (Attached); Office Action-January 24, 2003 (Attached); Office Action-May 6, 2003 (Attached); Issued Claims (see 6,637,358 Patent)
	CR	6,665,012 B1	12/16/2003	Yang et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	CS	EP	0 449 634	A2	10/02/1991	OMNIPANAR, INC.		<input type="checkbox"/>
	CT	WO	93/14458		07/22/1993	EASTMAN KODAK COMPANY		<input type="checkbox"/>
	CU	WO	93/17397		09/02/1993	Roustaei		<input type="checkbox"/>
	CV	WO	95/32580		11/30/1995	POLAROID CORPORATION		<input type="checkbox"/>
	CW	JP	2000- 192317	A	03/31/2000	FUJIFOTO FILM CO., LTD.	w/Abstract	<input type="checkbox"/>

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		First Named Inventor	Robert M. RUSSEY et al.
		Art Unit	2626 OCT 18 2004
		Examiner Name	Jerome Grant II
		Attorney Docket Number	283-28 Technology Center 2600
Sheet	4	of	4

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
J	CX	JAKL, Edward A., "Why CMOS Image Sensors are Poised to Surpass CCDs," International IC '99, Conference Proceedings, pp. 64-71.	
J	CY	TIAN, Hui et al., "Analysis of 1/f Noise in Switched MOSFET Circuits," Information Systems Laboratory, Electrical Engineering Department, Stanford University, Stanford, California 94305, 21 pp.	
N	CZ	EL GAMAL, Professor A., Lecture Notes 1, 2, 4, 5, 6, 7, 10 and Handout #3 and #28, "Image Sensors and Digital Cameras" for EE 392B, Spring 2001.	

Examiner Signature		Date Considered	2-8-05
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